

UNIVERSITY OF CHICAGO
CENTENNIAL SYMPOSIUM ON ATHEROSCLEROSIS
MAY 7 & 8, 1992

IN HONOR OF DR. ROBERT W. WISSLER

May 7, 1992

Human Atherosclerosis

Chairperson: Henry McGill

Southwest Foundation for Biomedical Research

1. Living With Plaques: Where and How Does Atherosclerosis Cause Clinically Manifest Disease
S. Glagov, University of Chicago
- *2. Atherosclerosis in Youth -- Natural History and Risk Factors
J. Strong, Louisiana State University
- *3. Computer Assisted Macro- and Micro-Morphometry in Understanding Progression of Atherosclerotic Plaques in Youth
F. Comhill, Ohio State University
- *4. Quantitative Results of Mesenchymal Constituents Related to Lesion Progression in White Male Youth
E. Miller, University of Alabama
- *5. Correlations of Microthrombi and the Distribution of SMC Phenotypes in the Arterial Intima of Youth
B. Chandler, Medical College of Georgia
- *6. Vasoactive Agents, Mast Cells, and Their Relationship to Atheromatous Lesion Progression in Young People
R. Virmani, Vanderbilt University

LUNCH BREAK

- *7. Genes That Affect Lipid Risk Factors and Arterial Lesions in Young Persons
J. Hixson, Southwest Foundation for Biomedical Research
- *8. Lymphocyte Subsets and Coronary Atherogenesis
A. Robertson, University of Illinois at Chicago
- *9. Macrophages, Lipid Deposition, and Lesion Progression in Coronary and Aortic Atherosclerosis in Young People
R. W. Wissler, University of Chicago

DISCUSSION OF PDAY RESULTS (*PDAY PRESENTATIONS)

10. Lp(a) and Human Atherothrombosis
A. Scanu, University of Chicago

11. Regression of Human Atherosclerosis with Lipid Lowering Therapy
G. Brown, University of Washington

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Molecular Mechanisms of Atherogenesis

Chairperson: Godfrey S. Getz
University of Chicago

1. **Overview of Molecular Mechanisms in Atherogenesis**
R. Ross, University of Washington, Seattle
2. **Lipoproteins and Gene Expression in the Vessel Wall**
A. Fogelman, University of California, Los Angeles
3. **Modified Lipoproteins and Atherogenesis**
J. Witztum, University of California, San Diego
4. **Endothelial Biology in Atherogenesis**
P. Davies, University of Chicago
5. **Smooth Muscle Cell Proliferation: Molecular Biology**
T. Collins, Brigham and Women's Hospital, Boston
6. **Cell Adhesion and Arterial Matrix**
M. Grimbrone, Brigham and Women's Hospital, Boston
7. **Thrombosis in Atherosclerosis**
D. Stern, Columbia University, New York
8. **Regulation of Thrombolysis in Vessel Wall**
D. Loskutoff, Scripps Clinic and Research Foundation, San Diego

CONCLUSIONS AND SUMMARY

Godfrey S. Getz